



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 18-12-2020

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2020-12-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2020-12-19	2020-12-20	2020-12-21	2020-12-22	2020-12-23
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	16.0	19.0	22.0	18.0	19.0
Tmin(°C)	3.0	4.0	4.0	5.0	5.0
RH-I(%)	90	90	85	90	90
RH-II(%)	50	55	50	55	55
Wind Speed(kmph)	8.0	8.0	6.0	6.0	6.0
Wind Direction(Degree)	320	320	320	330	330
Cloud Cover(Octa)	0	0	0	4	2

Weather Summary/Alert:

In the last seven days (11 - 17 December 2020), there was 2.5 mm rain and the sky was p-cloudy to dense cloudy. The maximum & minimum temperatures ranged between 17.0 to 24.2°C and 2.9 to 13.4°C respectively. Relative humidity ranges from 90 to 95 % at 0712 a.m. and 43 to 77 % at 1412 hrs. The winds run mainly from the WNW at a speed of 1.0 to 9.8 km/hour. There is a forecast of no rain in the coming five days. Maximum & minimum temperature may range from 16.0 to 22.0 deg C & 3.0 to 5.0 deg C respectively.

General Advisory:

In view of the severe spread of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India during agricultural operations. There is a forecast of no rain in the coming days. Chances of pest and disease outbreaks increases in the changing weather therefore farmers are advised to monitor the crop regularly and recommended chemicals should be used based on their requirement.

SMS Advisory:

Cold day to severe cold day condition very likely to prevail at isolated to few places with no rain and moderate to dense fog likely to occur in some parts of the plains.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BARLEY	Late sowing variety of Barley like-Jyoti, Preeti, Manjula, Jagrati should be selected. 100-110Kg seed/Ha should be used. Sowing of seeds should be done in 18-20cm in the lines and it should be completed by the second fortnight of December.
WHEAT	To control the weed in the wheat, first and second weeding and hoeing should be done after 25-30 days and 45-50 days of sowing respectively. To control the grassy and broadleaf weed in the wheat fields, a solution of vesta @ 400g/ 700 lit of water/ ha should be sprayed after 30-35 days of sowing.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	Under the prevailing weather conditions, there are chances of late blight attack in potato crops very soon. So it is advised to the farmers growing potato that if there is no late blight attack in the potato field, spray the crop with Mancozeb @ 0.25 % or 2.5 g per liter of water as a prophylactic spray. If the crop has already been attacked by late blight pathogen (initial symptoms have been observed in the field), Spray the crop with Cymoxanil+ Mancozeb OR Dimethomorph + Mancozeb OR Fenomidone + Mancozeb @ 0.3 % or 3.0 g per liter of water.

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	To stop the Gujjiya keet from climbing on tree, stem of tree should be covered by fine soil layer upto 40 cm height from the ground in the last week of this month and wrap up with 25 cm broad strip of 400 gages thick polythene and tie with the help of rope (sutali). With this grease must be applied in the lower portion.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	With the changing weather, there is a high chance of Niomonina in newborn babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals.